

USSN: 09/757,982

Group Art Unit: 1652

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29. (New) An isolated antibody, or portion thereof, that specifically binds to a polypeptide encoded by a nucleic acid molecule comprising the nucleotide sequence contained in the plasmid deposited with the ATCC as Accession number 203306, or a fragment thereof.

30. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody is monoclonal.

31. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody is polyclonal.

32. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody is a humanized antibody.

33. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody is a chimeric antibody.

68 34. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody comprises a F(ab) fragment.

35. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody comprises a F(ab')₂ fragment.

36. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody is a human antibody.

37. (New) The antibody of any one of claims 27, 28 or 29, wherein said antibody is a murine antibody.

38. (New) The antibody of any one of claims 27, 28, or 29, wherein said antibody binds to a fragment of said polypeptide comprising amino acid residues 31-277 or SEQ ID NO:5.

39. (New) The antibody of any one of claims 27, 28, or 29, wherein said antibody binds to a fragment of said polypeptide comprising amino acid residues 407-421 or SEQ ID NO:5.

40. (New) The antibody of any one of claims 27, 28, or 29, further comprising a label.
